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Title	Principal Investigator	Institution	Grant Number
11th International Particle Toxicology Conference	oberdorster, gunter	University Of Rochester	R13ES027755
A cohort study of air pollution, lung cancer, and COPD in Los Angeles County	cheng, iona c	Cancer Prevention Instit Of California	R01ES026171
Activated Macrophages and Ozone Toxicity	laskin, debra l	Rutgers, The State Univ Of N.J.	R01ES004738
Asbestosis is regulated by Rac1-mediated mitochondrial H2O2 levels	carter, a brent	University Of Alabama At Birmingham	R01ES015981
Assessing Air Pollution Exposures among a Vulnerable Rural Disparities Population	hendryx, michael s	Indiana University Bloomington	R15ES026394
Assessing the Impact of Clean Heat Policy Intervention in New York City	hernandez, diana	Columbia University Health Sciences	R21ES024108
Assessment of joint effects of pesticides and air pollution in pediatric asthma	magzamen, sheryl	Colorado State University	K22ES023815
Associations between Ambient Air Pollution and Adverse Birth Outcomes in Florida	xu, xiaohui	Texas A&M University Health Science Ctr	K01ES019177
Black carbon exposure, DNA methylation, airway inflammation in pediatric asthma	miller, rachel l	Columbia University Health Sciences	R01ES013163
COPD and Response to Traffic Related Particles	garshick, eric	Harvard Medical School	R01ES019853
Cigarette Smoke-derived Electrophilic Aldehydes and Airway Inflammation	van der vliet, albert	University Of Vermont & St Agric College	R01ES021476
Circulating microRNAs in Extracellular Vesicles, Air Particulate Pollution, and Lung Function in an Aging Cohort	baccarelli, andrea	Harvard School Of Public Health	R01ES025225
Clinical trial of air cleaners to improve indoor air quality and COPD health	hansel, nadia n	Johns Hopkins University	R01ES022607
Combustion Generated Particulate Pollution Affects Infant Respiratory Health	cormier, stephania	University Of Tennessee Health Sci Ctr	R01ES015050
Cookstove air pollution: Emission profiles and subclinical effects of exposure	peel, jennifer l	Colorado State University	R01ES023688
Development of Immune-mediated Pulmonary Fibrosis in Older Mice	simonian, philip levon	University Of Colorado Denver	UH2ES027680

Diesel-Induced Alterations of Influenza infectivity	jaspers, ilona	Univ Of North Carolina Chapel Hill	R01ES013611
Early detection of adverse respiratory effects from air pollution	gilliland, frank d.	University Of Southern California	R01ES023262
Early-Life Exposure to Urban Air Pollution and Externalizing Behaviors in Youth	younan, diana b	University Of Southern California	F31ES025080
Effects of Reducing Indoor Particulate Matter on the Asthmatic Response	bose, sonali	Icahn School Of Medicine At Mount Sinai	K23ES021789
Endothelial Progenitor Cells and Particulate Air Pollution	o'toole, timothy e	University Of Louisville	R01ES019217
Endotoxin, the airway transcriptome, and obstructive lung disease	lai, peggy sue	Massachusetts General Hospital	K23ES023700
Environmental Control as Add-on Therapy in Urban Children with Asthma	matsui, elizabeth c.	Johns Hopkins University	R01ES023447
Environmental pesticide exposure and respiratory outcomes in women and children	hoppin, jane	North Carolina State University Raleigh	R21ES025374
Extracellular Matrix, Innate Immunity, and Ozone-induced Airways Disease	wewers, mark damian	Ohio State University	R01ES020350
Fra-1/Nrf2 Balance Signaling and Resolution of Inflammatory Lung Injury	reddy, sekhar p	University Of Illinois At Chicago	R56ES011863
Gamma tocopherol chemoprevention of wood smoke PM2.5-induced airway inflammation	peden, david b	Univ Of North Carolina Chapel Hill	R01ES025124
Genetic Susceptibility to Asthma and Indoor Air Pollution in Peru	hansel, nadia n	Johns Hopkins University	R01ES018845
Genetic and Environmental Determinants of Asthma Endophenotypes	gilliland, frank d.	University Of Southern California	R01ES025786
Impact of Obesity on Airway Responses to Air Pollution	shore, stephanie a	Harvard School Of Public Health	R01ES013307
Indoor Nitrogen Dioxide Exposure and Children with Asthma: An Intervention Trial	leaderer, brian p	Yale University	R01ES023505
Interactions between antigen-specific effector and regulatory T cells in beryllium-induced disease	fontenot, andrew p.	University Of Colorado Denver	R01ES025534
Investigation of Indoor Solid Fuel and Kerosene Use as Tuberculosis Risk Factors	bates, michael n	University Of California Berkeley	R01ES019624
Lipoprotein Corona Fingerprints: Implications for Pulmonary Clearance and Toxicity of Engineered Nanoparticles	konduru, nagarjun	Harvard School Of Public Health	K99ES025813
Mentoring and Patient Oriented Research in Asthma	diette, gregory b	Johns Hopkins University	K24ES021098
Metabolic mechanisms of naphthalene toxicity in lung	ding, xinxin	Suny Polytechnic Institute	R01ES020867
Microbial Surrogate Assay for Environmental PAH Exposure	adami, guy richard	Arphion, Ltd	R41ES025528
Nanotechnology-Based Environmental Smart Sensors for Personal Health Exposure Monitoring	naishadham, krishna	Wi-Sense, Llc	R43ES026500

Ozone, lipid-protein adducts, and biological effects	jaspers, ilona	Univ Of North Carolina Chapel Hill	R21ES024666
Pathogenesis of ozone-induced asthma exacerbation	tilley, stephen lloyd	Univ Of North Carolina Chapel Hill	R01ES025198
Phase II studies of gamma tocopherol as an intervention for environmental asthma	peden, david b	Univ Of North Carolina Chapel Hill	R01ES023349
Phenotyping/Epigenetic studies of PAH-associated Treg impairment in asthma	nadeau, kari c.	Stanford University	R01ES020926
Prenatal Exposure to Organophosphates and Associations with Child Growth	daniels, julie l	Univ Of North Carolina Chapel Hill	R21ES023904
Prenatal Pollution, Stress and Maternal-child Health: Role of Immunomodulation	sheffield, perry elizabeth	Icahn School Of Medicine At Mount Sinai	K23ES024127
Prenatal Tobacco Smoke, Genetic and Epigenetic Changes, and Respiratory Health	breton, carrie van doren	University Of Southern California	R01ES022216
Psychosocial stressors, air pollution and childhood respiratory health in LAFANS	ritz, beate r	University Of California Los Angeles	R03ES025908
Role of Innate B1 B Cells in the Development of Diffuse Lung Hemorrhage	singh, ram raj	University Of California Los Angeles	R21ES026536
Role of p53 and PAI-1 in tobacco smoke exposure induced lung injury	shetty, sreerama	University Of Texas Hlth Ctr At Tyler	R21ES025815
Role of pattern recognition receptors in organic dust-induced airway inflammation	poole, jill a	University Of Nebraska Medical Center	R01ES019325
Role of the Indoor Environment on Oxidative Stress Related Sinonasal Inflammation	ramanathan, murugappan	Johns Hopkins University	K23ES020859
Role of the endogenous gasotransmitter H2S in ETS-mediated airway disease	garofalo, roberto p	University Of Texas Medical Br Galveston	R21ES026782
SPIROMICS - Air Pollution Study	hansel, nadia n	Johns Hopkins University	R01ES023500
Sensitization to Cockroach Allergen: Immune Regulation and Genetic Determinants	gao, peisong	Johns Hopkins University	R01ES021739
Soluble antioxidant modulation: Test of a computational model of ozone-induced re	schelegle, edward s	University Of California At Davis	R21ES023096
Spatio-temporal models of allergenic pollen for human exposure and health investigations	katz, daniel sylvan walker	University Of Michigan	F32ES026477
TRP Channels and Air Pollution	reilly, christopher a	University Of Utah	R01ES017431
Targeting PTPalpha to Prevent Lung Fibrosis	downey, gregory paul	National Jewish Health	R21ES023932
The Commuter Exposure Study: Linking Exposure, Source-Receptor Models, and Health	volckens, john	Colorado State University	R01ES020017
The UGT2A and 3A metabolizing enzymes and tobacco-related cancer risk	lazarus, philip	Washington State University	R01ES025460

The effect of a housing mobility program on environmental exposures and asthma morbidity among low-income minority children	matsui, elizabeth c.	Johns Hopkins University	R01ES026170
The influences of air pollution mixtures on biomarkers of airway oxidative stress	greenwald, robby	Georgia State University	K25ES020355
The role of SPARC in lung fibrosis	putnam, elizabeth a	University Of Montana	R15ES022396
The role of alpha-T-catenin in the pathogenesis of occupational asthma	folmsbee, stephen sai	Northwestern University At Chicago	F30ES024622
The role of omega-3 fatty acids and bioactive lipid signaling in airway inflammation and resolution following organic dust exposures	nordgren, tara	University Of Nebraska Medical Center	K99ES025819
Toxicant Production and Mitigation in the Electronic-Cigarette Reaction Vessel	strongin, robert m	Portland State University	R01ES025257
Traffic-related air pollutants and respiratory tract microbiome in children	reponen, tiina	University Of Cincinnati	R21ES024807
U.S.-Indo Air Quality and Health Workshop	gordon, terry	New York University School Of Medicine	U13ES027717
Understudied polycyclic aromatic hydrocarbons involved in pulmonary inflammation	bauer, alison k	University Of Colorado Denver	R15ES024893
Using Exhaled Breath to Evaluate the Long-term Mechanisms of Early-life Arsenic Exposure	steinmaus, craig m	University Of California Berkeley	R21ES027107
Visfatin and Ozone-Induced Airway Hyperresponsiveness in Obesity	johnston, richard alan	University Of Texas Hlth Sci Ctr Houston	R03ES024883
Wood stove interventions and child respiratory infections in rural communities	ward, tony john	University Of Montana	R01ES022649
miR-135a and miR-204 in Pulmonary Hypertension induced by antigen and urban air pollution	park, sung hyun	New York University School Of Medicine	R03ES024797